

<110> Lal, Preeti G.
Warren, Bridget A.

<120> TNF RECEPTOR 2 RELATED PROTEIN VARIANT

<130> PC-0050 US

<140> To Be Assigned

<141> Herewith

<160> 20

<170> PERL Program

<210> 1

<211> 399

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 7497867CD1

<400> 1

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Gln	Ala	Val	Pro	Pro	Tyr	Ala	Ser	Glu	Asn	Gln	Thr	Cys	Arg	Asp	40	45	50	55
Gln	Glu	Lys	Glu	Tyr	Tyr	Glu	Pro	Gln	His	Arg	Ile	Cys	Cys	Ser	60	65	70	75
Arg	Cys	Pro	Pro	Gly	Thr	Tyr	Val	Ser	Ala	Lys	Cys	Ser	Arg	Ile	80	85	90	95
Arg	Asp	Thr	Val	Cys	Ala	Thr	Cys	Ala	Glu	Asn	Ser	Tyr	Asn	Glu	100	105	110	115
His	Trp	Asn	Tyr	Leu	Thr	Ile	Cys	Gln	Leu	Cys	Arg	Pro	Cys	Asp	120	125	130	135
Pro	Val	Met	Gly	Leu	Glu	Glu	Ile	Ala	Pro	Cys	Thr	Ser	Lys	Arg	140	145	150	155
Lys	Thr	Gln	Cys	Arg	Cys	Gln	Pro	Gly	Met	Phe	Cys	Ala	Ala	Trp	160	165	170	175
Ala	Leu	Glu	Cys	Thr	His	Cys	Glu	Leu	Leu	Ser	Asp	Cys	Pro	Pro	180	185	190	195
Gly	Thr	Glu	Ala	Glu	Leu	Lys	Asp	Glu	Val	Gly	Lys	Gly	Asn	Asn	200	205	210	215
His	Cys	Val	Pro	Cys	Lys	Ala	Gly	His	Phe	Gln	Asn	Thr	Ser	Ser	220	225	230	235
Pro	Ser	Ala	Arg	Cys	Gln	Pro	His	Thr	Arg	Cys	Glu	Asn	Gln	Gly	240	245	250	255
Leu	Val	Glu	Ala	Ala	Pro	Gly	Thr	Ala	Gln	Ser	Asp	Thr	Thr	Cys	260	265	270	275
Lys	Asn	Pro	Leu	Glu	Pro	Leu	Pro	Pro	Glu	Met	Ser	Gly	Ser	Leu	280	285	290	295
Leu	Lys	Arg	Arg	Pro	Gln	Gly	Glu	Gly	Pro	Asn	Pro	Val	Ala	Gly	300	305	310	315
Ser	Trp	Glu	Pro	Pro	Lys	Ala	His	Pro	Tyr	Phe	Pro	Asp	Leu	Val				
Gln	Pro	Leu	Leu	Pro	Ile	Ser	Gly	Asp	Val	Ser	Pro	Val	Ser	Thr				
Gly	Leu	Pro	Ala	Ala	Pro	Val	Leu	Glu	Ala	Gly	Val	Pro	Gln	Gln				
Gln	Ser	Pro	Leu	Asp	Leu	Thr	Arg	Glu	Pro	Gln	Leu	Glu	Pro	Gly				
Glu	Gln	Ser	Gln	Val	Ala	His	Gly	Thr	Asn	Gly	Ile	His	Val	Thr				

PC-0050 US

Gly Gly Ser Met Thr Ile Thr Gly Asn Ile Tyr Ile Tyr Asn Gly
320 325 330
Pro Val Leu Gly Gly Pro Pro Gly Pro Gly Asp Leu Pro Ala Thr
335 340 345
Pro Glu Pro Pro Tyr Pro Ile Pro Glu Glu Gly Asp Pro Gly Pro
350 355 360
Pro Gly Leu Ser Thr Pro His Gln Glu Asp Gly Lys Ala Trp His
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Leu Ala Glu Thr Glu His Cys Gly Ala Thr Pro Ser Asn Arg Gly
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Pro Arg Asn Gln Phe Ile Thr His Asp
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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 7497867CB1

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gg 1982

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<213> Homo sapiens

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<223> Incyte ID No: 8113313H1

<400> 3

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ctgcccccg cctggcctgg gggcctctgg tgctgggcct ctcggggctc ctggcagcat 300
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aggaatacta tgagccccag caccgcatct gc 392

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<210> 4

<211> 526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 8235763H1

<400> 4

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ggacgtcggg cctcctgctc tcctcccagg ccccccacgtt gctggccgccc tggccgagtg 180
gccgccatgc tcctgccttg ggccacctct ccccccgccc tggcctgggg gcccttggtg 240
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tgctcccgt gcccgccagg cacctatgtc tcagctaaat gtagccgcat ccgggacaca 420
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<211> 436

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 4048821H1

<400> 5

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tgctgcctgg gccctcgagt gtacacactg cgagctactt tctgactgcc cgcttgccac 180
tgaagccgag ctcaaagatg aagttgggaa gggtaacaac cactgcgtcc cctgcaaggc 240
agggcacttc cagaatacct cctccccag cgctcgctgc cagccccaca ccagggtgtga 300
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<211> 135

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 2105134H1

<400> 6

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<210> 7

<211> 651

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 7716364H1

<400> 7

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tggttctcac acctggtgtg gggctggcag cagggcgctg ggggaggagg tattctggaa 540
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<211> 574

<212> DNA

<213> Homo sapiens

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cagccactgc taccatttcc tggagatggt tccccagtat ccactggggt ccccgagcc 240
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ccaccgggtc ctggagacct cccagctacc cccgaacctc catacccat tcccgaagag 480
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ctagcggaga cagagcactg tgggtgcacac cctc 574

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<210> 9

<211> 425

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 7716340H1

<400> 9

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atgaatgcc a ttggtaccgt gggccacctg gctctgctcc cggggttcca actgcggctc 180
cctgggtcagg tccagaggac tctgctgttg cggcaccctt gcttccaaa ctgggggtgc 240
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gtcaggggaag tatggatggg ccttcggagg ctcccagctt ccagctacag gattgggtcc 360
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<210> 10

<211> 219

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<213> Homo sapiens

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<223> Incyte ID No: 697459H1

<220>
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 <222> 76, 131
 <223> a, t, c, g, or other

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 ccctggccct nccgggctct ctacacccca ccaggaagat ggcaaggctt ggcacctagc 180
 ggagacagag cactgtggtg ccacaccctc taacagggg 219

<210> 11
 <211> 279
 <212> DNA
 <213> Homo sapiens

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 atggcaaggc ttggcaccta gcggagacag agcactgtgg tgccacaccc tctaacaggg 180
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 <211> 862
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 <213> Homo sapiens

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 cctcagttcca cgtgaagtgt ggaaccccaa aggggtctctg aagcttgggg atgagcacca 180
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 aatcccacgt gggcagggca gcctcaaggg agaaggtgcc cttgtgcccc ccttcttctg 540
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 <211> 206
 <212> DNA
 <213> Rattus norvegicus

<220>
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 <223> Incyte ID No: 700302531H1

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 caatgggcca gtgctggggg gaacacgggg ccctggagac cctccagctc cccctgagcc 180

tccatacccg actcccgaag agggag

206

<210> 14

<211> 548

<212> DNA

<213> Rattus norvegicus

<220>

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<223> Incyte ID No: 702152066H1

<400> 14

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tctcttctcc tgccagctgt gccgcccctg tgactctgtg ctgggcttcg aggagattgc 180
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gagccagggc ctggtggagg cagcttcagg tacctcgtag tctgacacca tctgtaaaaa 480
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<211> 471

<212> DNA

<213> Rattus norvegicus

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<223> Incyte ID No: 702022948H1

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<211> 371

<212> DNA

<213> Canis familiaris

<220>

<221> misc_feature

<223> Incyte ID No: 702245091H1

<400> 16

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gacaaggacc c 371

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<210> 17

<211> 618

<212> DNA

<213> Macaca fascicularis

<220>

PC-0050 US

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				170					175						180
Pro	Ser	Ala	Arg	Cys	Gln	Pro	His	Thr	Arg	Cys	Glu	Asn	Gln	Gly	
				185					190						195
Leu	Val	Glu	Ala	Ala	Pro	Gly	Thr	Ala	Gln	Ser	Asp	Thr	Thr	Cys	
				200					205						210
Lys	Asn	Pro	Leu	Glu	Pro	Leu	Pro	Pro	Glu	Met	Ser	Gly	Thr	Met	
				215					220						225
Leu	Met	Leu	Ala	Val	Leu	Leu	Pro	Leu	Ala	Phe	Phe	Leu	Leu	Leu	
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Ala	Thr	Val	Phe	Ser	Cys	Ile	Trp	Lys	Ser	His	Pro	Ser	Leu	Cys	
				245					250						255
Arg	Lys	Leu	Gly	Ser	Leu	Leu	Lys	Arg	Arg	Pro	Gln	Gly	Glu	Gly	
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Pro	Asn	Pro	Val	Ala	Gly	Ser	Trp	Glu	Pro	Pro	Lys	Ala	His	Pro	
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Tyr	Phe	Pro	Asp	Leu	Val	Gln	Pro	Leu	Leu	Pro	Ile	Ser	Gly	Asp	
				290					295						300
Val	Ser	Pro	Val	Ser	Thr	Gly	Leu	Pro	Ala	Ala	Pro	Val	Leu	Glu	
				305					310						315
Ala	Gly	Val	Pro	Gln	Gln	Ser	Pro	Leu	Asp	Leu	Thr	Arg	Glu	Glu	
				320					325						330
Pro	Gln	Leu	Glu	Pro	Gly	Glu	Gln	Ser	Gln	Val	Ala	His	Gly	Thr	
				335					340						345
Asn	Gly	Ile	His	Val	Thr	Gly	Gly	Ser	Met	Thr	Ile	Thr	Gly	Asn	
				350					355						360
Ile	Tyr	Ile	Tyr	Asn	Gly	Pro	Val	Leu	Gly	Gly	Pro	Pro	Gly	Pro	
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Gly	Asp	Leu	Pro	Ala	Thr	Pro	Glu	Pro	Pro	Tyr	Pro	Ile	Pro	Glu	
				380					385						390
Glu	Gly	Asp	Pro	Gly	Pro	Pro	Gly	Leu	Ser	Thr	Pro	His	Gln	Glu	
				395					400						405
Asp	Gly	Lys	Ala	Trp	His	Leu	Ala	Glu	Thr	Glu	His	Cys	Gly	Ala	
				410					415						420
Thr	Pro	Ser	Asn	Arg	Gly	Pro	Arg	Asn	Gln	Phe	Ile	Thr	His	Asp	
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<210> 20
 <211> 415
 <212> PRT
 <213> Mus musculus

<220>
 <221> misc_feature
 <223> Incyte ID No: g600223

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				20					25					30	
Gln	Leu	Val	Pro	Pro	Tyr	Arg	Ile	Glu	Asn	Gln	Thr	Cys	Trp	Asp	
				35					40					45	
Gln	Asp	Lys	Glu	Tyr	Tyr	Glu	Pro	Met	His	Asp	Val	Cys	Cys	Ser	
				50					55					60	
Arg	Cys	Pro	Pro	Gly	Glu	Phe	Val	Phe	Ala	Val	Cys	Ser	Arg	Ser	
				65					70					75	
Gln	Asp	Thr	Val	Cys	Lys	Thr	Cys	Pro	His	Asn	Ser	Tyr	Asn	Glu	
				80					85					90	
His	Trp	Asn	His	Leu	Ser	Thr	Cys	Gln	Leu	Cys	Arg	Pro	Cys	Asp	
				95					100					105	
Ile	Val	Leu	Gly	Phe	Glu	Glu	Val	Ala	Pro	Cys	Thr	Ser	Asp	Arg	
				110					115					120	

PC-0050 US

Lys	Ala	Glu	Cys	Arg	Cys	Gln	Pro	Gly	Met	Ser	Cys	Val	Tyr	Leu	
				125					130					135	
Asp	Asn	Glu	Cys	Val	His	Cys	Glu	Glu	Glu	Arg	Leu	Val	Leu	Cys	
				140					145					150	
Gln	Pro	Gly	Thr	Glu	Ala	Glu	Val	Thr	Asp	Glu	Ile	Met	Asp	Thr	
				155					160					165	
Asp	Val	Asn	Cys	Val	Pro	Cys	Lys	Pro	Gly	His	Phe	Gln	Asn	Thr	
				170					175					180	
Ser	Ser	Pro	Arg	Ala	Arg	Cys	Gln	Pro	His	Thr	Arg	Cys	Glu	Ile	
				185					190					195	
Gln	Gly	Leu	Val	Glu	Ala	Ala	Pro	Gly	Thr	Ser	Tyr	Ser	Asp	Thr	
				200					205					210	
Ile	Cys	Lys	Asn	Pro	Pro	Glu	Pro	Gly	Ala	Met	Leu	Leu	Leu	Ala	
				215					220					225	
Ile	Leu	Leu	Ser	Leu	Val	Leu	Phe	Leu	Leu	Phe	Thr	Thr	Val	Leu	
				230					235					240	
Ala	Cys	Ala	Trp	Met	Arg	His	Pro	Ser	Leu	Cys	Arg	Lys	Leu	Gly	
				245					250					255	
Thr	Leu	Leu	Lys	Arg	His	Pro	Glu	Gly	Glu	Glu	Ser	Pro	Pro	Cys	
				260					265					270	
Pro	Ala	Pro	Arg	Ala	Asp	Pro	His	Phe	Pro	Asp	Leu	Ala	Glu	Pro	
				275					280					285	
Leu	Leu	Pro	Met	Ser	Gly	Asp	Leu	Ser	Pro	Ser	Pro	Ala	Gly	Pro	
				290					295					300	
Pro	Thr	Ala	Pro	Ser	Leu	Glu	Glu	Val	Val	Leu	Gln	Gln	Gln	Ser	
				305					310					315	
Pro	Leu	Val	Gln	Ala	Arg	Glu	Leu	Glu	Ala	Glu	Pro	Gly	Glu	His	
				320					325					330	
Gly	Gln	Val	Ala	His	Gly	Ala	Asn	Gly	Ile	His	Val	Thr	Gly	Gly	
				335					340					345	
Ser	Val	Thr	Val	Thr	Gly	Asn	Ile	Tyr	Ile	Tyr	Asn	Gly	Pro	Val	
				350					355					360	
Leu	Gly	Gly	Thr	Arg	Gly	Pro	Gly	Asp	Pro	Pro	Ala	Pro	Pro	Glu	
				365					370					375	
Pro	Pro	Tyr	Pro	Thr	Pro	Glu	Glu	Gly	Ala	Pro	Gly	Pro	Ser	Glu	
				380					385					390	
Leu	Ser	Thr	Pro	Tyr	Gln	Glu	Asp	Gly	Lys	Ala	Trp	His	Leu	Ala	
				395					400					405	
Glu	Thr	Glu	Thr	Leu	Gly	Cys	Gln	Asp	Leu						
				410					415						

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